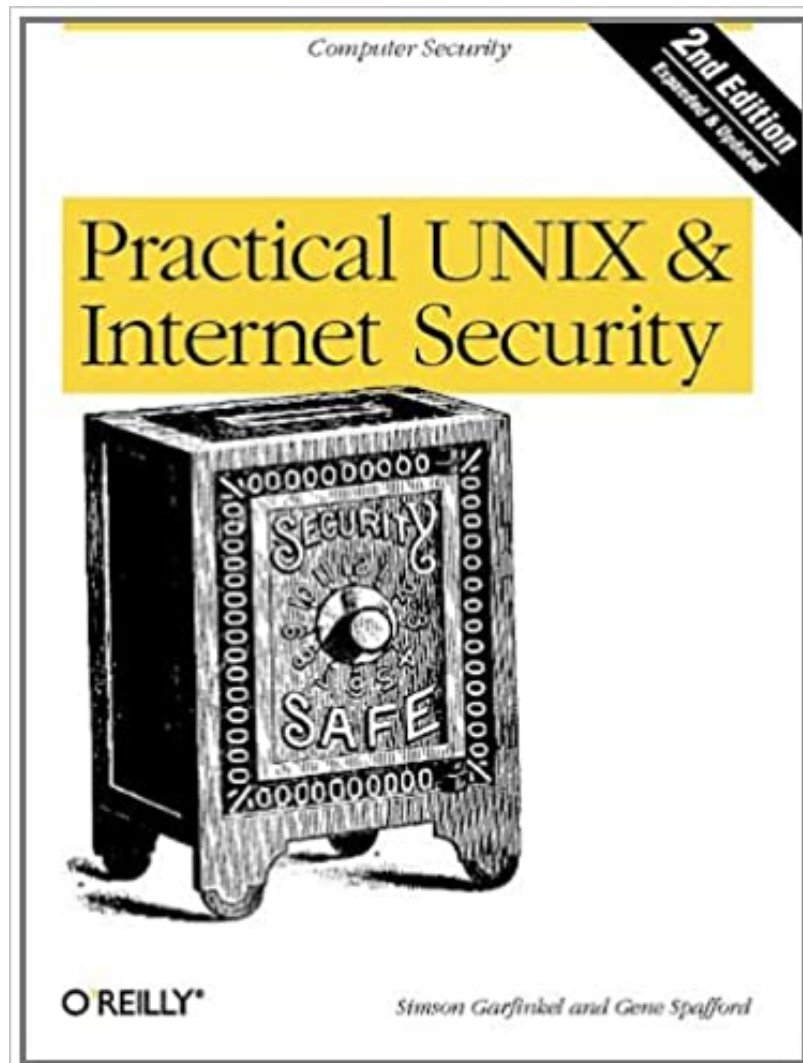


Practical UNIX and Internet Security (Computer Security)



EBOOK DOWNLOAD

Synopsis

When *Practical UNIX Security* was first published in 1991, it became an instant classic. Crammed with information about host security, it saved many a UNIX system administrator and user from disaster. This second edition is a complete rewrite of the original book. It's packed with twice the pages and offers even more practical information for UNIX users and administrators. It covers features of many types of UNIX systems, including SunOS, Solaris, BSDI, AIX, HP-UX, Digital UNIX, Linux, and others. The first edition was practical, entertaining, and full of useful scripts, tips, and warnings. This edition is all those things -- and more. If you are a UNIX system administrator or user in this security-conscious age, you need this book. It's a practical guide that spells out, in readable and entertaining language, the threats, the system vulnerabilities, and the countermeasures you can adopt to protect your UNIX system, network, and Internet connection. It's complete -- covering both host and network security -- and doesn't require that you be a programmer or a UNIX guru to use it. *Practical UNIX & Internet Security* describes the issues, approaches, and methods for implementing security measures. It covers UNIX basics, the details of security, the ways that intruders can get into your system, and the ways you can detect them, clean up after them, and even prosecute them if they do get in. Filled with practical scripts, tricks, and warnings, *Practical UNIX & Internet Security* tells you everything you need to know to make your UNIX system as secure as it possible can be. Contents include: Part I: Computer Security Basics. Introduction and security policies. Part II: User Responsibilities. Users and their passwords, groups, the superuser, the UNIX filesystem, and cryptography. Part III: System Administrator Responsibilities. Backups, defending accounts, integrity checking, log files, programmed threats, physical security, and personnel security. Part IV: Network and Internet Security: telephone security, UUCP, TCP/IP networks, TCP/IP services, WWW, RPC, NIS, NIS+, Kerberos, and NFS. Part V: Advanced Topics: firewalls, wrappers, proxies, and secure programming. Part VI: Handling Security Incidents: discovering a breakin, U.S. law, and trust. VII: Appendixes. UNIX system security checklist, important files, UNIX processes, paper and electronic sources, security organizations, and table of IP services.

Sort review

Practical Unix & Internet Security is on its second edition, and its maturity shows. To call this highly readable book comprehensive is an understatement. The breadth is vast, from fundamentals (definitions of computer security; the history of Unix) and commonsense but little-observed security basics (making backups; physical and personnel security; buggy software) to modern software (NFS, WWW, firewalls) and the handling of security incidents. The section on users and passwords alone is 21 pages long--and worth every page. Useful appendices include a Unix security checklist, a list of emergency response organizations, and many references to electronic and paper resources. The Internet covers too much and moves too quickly for any

book to cover every security aspect of every piece of software, but this book comes close. More importantly, it gives you an exceptional grounding in the fundamental issues of security and teaches the right questions to ask--something that will stay with you long after today's software is obsolete. From the Publisher When Practical UNIX Security was first published in 1991, it became an instant classic. Crammed with information about host security, it saved many a UNIX system administrator and user from disaster. This second edition is a complete rewrite of the original book. It's packed with twice the pages and offers even more practical information for UNIX users and administrators. In it you'll find coverage of features of many types of UNIX systems, including SunOS, Solaris, BSDI, AIX, HP-UX, Digital UNIX, Linux, and others. The first edition was practical, entertaining, and full of useful scripts, tips, and warnings. This edition is all those things -- and more. If you are a UNIX system administrator or user in this security-conscious age, you need this book. It's a practical guide that spells out, in readable and entertaining language, the threats, the system vulnerabilities, and the countermeasures you can adopt to protect your UNIX system, network, and Internet connection. It's complete -- covering both host and network security -- and doesn't require that you be a programmer or a UNIX guru to use it. Practical UNIX & Internet Security describes the issues, approaches, and methods for implementing security measures. It covers UNIX basics, the details of security, the ways that intruders can get into your system, and the ways you can detect them, clean up after them, and even prosecute them if they do get in. Filled with practical scripts, tricks, and warnings, Practical UNIX & Internet Security tells you everything you need to know to make your UNIX system as secure as it possible can be. Contents include: Part I: Computer Security Basics. Introduction and security policies. Part II: User Responsibilities. Users and their passwords, groups, the superuser, the UNIX filesystem, and cryptography. Part III: System Administrator Responsibilities. Backups, defending accounts, integrity checking, log files, programmed threats, physical security, and personnel security. Part IV: Network and Internet Security: telephone security, UUCP, TCP/IP networks, TCP/IP services, WWW, RPC, NIS, NIS+, Kerberos, and NFS. Part V: Advanced Topics: firewalls, wrappers, proxies, and secure programming. Part VI: Handling Security Incidents: discovering a breakin, U.S. law, and trust. VII: Appendices. UNIX system security checklist, important files, UNIX processes, paper and electronic sources, security organizations, and table of IP services. About the Author Simson Garfinkel, CISSP, is a journalist, entrepreneur, and international authority on computer security. Garfinkel is chief technology officer at Sandstorm Enterprises, a Boston-based firm that develops state-of-the-art computer security tools. Garfinkel is also a columnist for Technology Review Magazine and has written for more than 50 publications, including Computerworld, Forbes, and The New York Times. He is also the author of Database Nation; Web Security, Privacy, and Commerce; PGP: Pretty Good Privacy; and seven other books. Garfinkel earned a master's degree in journalism at Columbia University in 1988 and holds three undergraduate degrees from MIT. He is currently working on his doctorate at MIT's Laboratory for Computer Science. Gene Spafford, Ph.D., CISSP, is an internationally renowned scientist and educator

who has been working in information security, policy, cybercrime, and software engineering for nearly two decades. He is a professor at Purdue University and is the director of CERIAS, the world's premier multidisciplinary academic center for information security and assurance. Professor Spafford and his students have pioneered a number of technologies and concepts well-known in security today, including the COPS and Tripwire tools, two-stage firewalls, and vulnerability databases. Spaf, as he is widely known, has achieved numerous professional honors recognizing his teaching, his research, and his professional service. These include being named a fellow of the AAAS, the ACM, and the IEEE; receiving the National Computer Systems Security Award; receiving the William Hugh Murray Medal of the NCISSE; election to the ISSA Hall of Fame; and receiving the Charles Murphy Award at Purdue. He was named a CISSP, honoris causa in 2000. In addition to over 100 technical reports and articles on his research, Spaf is also the coauthor of Web Security, Privacy, and Commerce, and was the consulting editor for Computer Crime: A Crimefighters Handbook (both from O'Reilly).[Read more](#)

[Download to continue reading...](#)

Look inside the book

This is a sample. The number of pages displayed is limited. This is a sample. The number of pages displayed is limited. Pages 48 - 906 are not included in this sample. Pages 955 - 956 are not included in this sample.

[*Download to continue reading...*](#)

Security Engineering: A Guide to Building Dependable Distributed Systems Practical Unix & Internet Security, 3rd Edition

What people say about this book

Justin Marino, "Comprehensive. Excellent and comprehensive coverage of the topic. Easy to understand."

Alexander Breton, "Great products, ship fast!. Great products, ship fast!"

Ricardo Carrillo Sánchez, "Best teorical unix book ever!. I'm pretty sure this book has been "de facto" for all security professionals, It is contains all basics stuff related unix wold."

Jimmy Kayongo, "Great deal. Nice cover and the book was in great condition"

Kathy E. Wright, "Very Good. Good indexStraightforward languagePractical examplesHighly recommendedRequired reading for Linux Sys AdminsGreat reference for novices or experts"

Enci M, "UNIX security basics described clearly and understandably. I am preparing for an IT security audit of enterprise UNIX systems. I had limited understanding of UNIX prior to reading this book. However I feel more confident now - the book provides an understandable description of the basic concepts, goes into sufficient detail and compares the different versions at an acceptable level. This book helped me loads in preparing for the audit, recommended for the whole team to read."

Lukasz, "A great book!. A great book! Despite the time that has passed since the release - still valid! Describes important issues related to the security of unix systems and the Internet. Mandatory reading for network and unix system administrators! I would recommend!"

Arthur Moe, "Eye opener.. I have only read part of this book and it was an eye opener. Even thogh it was an older book, much of what it says is appiable today. I can warmly recommend this book."

The book has a rating of 5 out of 4.4. 38 people have provided feedback.

[Front Cover](#) [Copyright](#) [Table of Contents](#) [First Pages](#) [Index](#) [Back Cover](#) [Surprise Me!](#)

Book Information

Language: English

Paperback: 1004 pages

Item Weight: 3.09 pounds

Dimensions: 7 x 2.11 x 9.19 inches

[DMCA](#)